



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Yukio KUROIWA, et al.

Appln. No.: 09/765,378

Confirmation No.: 1049

Group Art Unit: 2876

Filed: January 22, 2001

Examiner: A. Kim

For: MAGNETIC CARD READER AND METHOD OF DEMODULATING MAGNETIC DATA

JAC  
C. Shantz  
12-18-01

**AMENDMENT UNDER 37 C.F.R. § 1.111**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action dated September 26, 2001, please amend the above-identified application as follows.

**IN THE CLAIMS:**

**Please enter the following amended claims:**

Sub B1  
a

1. (Amended) A magnetic card reader for making a magnetic card and at least one magnetic head to relatively move with respect to each other and for demodulating data, which is recorded on said magnetic card and obtained by said magnetic head, said magnetic card reader comprising:

two magnetic heads arranged in a direction, in which each of said magnetic heads relatively moves with respect to said magnetic card, and taking the same data from said magnetic card and obtaining two demodulated data;

an error detecting portion for detecting an error in at least one of the two demodulated data; and